NSLS ENVIRONMENTAL MANAGEMENT SYSTEM
OPERATIONAL CONTROLS FORM

OPERATIONAL CONTROL FOR SIGNIFICANT ENVIRONMENTAL ASPECTS: MIXED RESIN BED REGENERATION: HAZARDOUS AND INDUSTRIAL WASTE GENERATION; LIQUID DISCHARGE; CHEMICAL STORAGE (SPILLS).	**COMPLETED BY:** A. ACKERMAN / D. BAUER **DATE:** JANUARY 3, 2002 **PAGE 1 OF 3**

1. Operation:

Mixed Resin Bed Regeneration and other Cooling Water Maintenance Actvities
PEP Process IDS: NSLS-461-MRB; NSLS-469-CWS

2. Activities:

1) Storage of chemicals.
2) Dispensing and use of chemicals.
3) Characterization and disposal of chemicals and wastewater.
4) Spent resin disposal.

3. Operational Controls:

1. Tier 1 Inspection.
2. Chemical Management System.
3. Operational Control Form
4. Secondary containment (trays, cabinets, etc...)
5. NSLS procedure to test resistivity and re-charge low pressure copper water system deionizer. (SLS-07.114-3)
6. NSLS ES&H Policies and Requirements Manual
   - LS-ESH-PRM-7.0.0, Hazardous Waste Management
   - LS-ESH-PRM-9.0.0, Local Emergency Plan
7. Subject Areas
   - Hazardous Waste Management
   - Liquid Effluent
   - Spill Response.
   - Pollution Prevention
8. Training as identified in the BTMS.
   - Read and Sign Training Form "Regeneration of Mixed Bed Dionizer for NSLS Process Water Systems" for Utilities Engineer and Utilities Group.

4. Maintenance Plan: Not Applicable

5. Actions to be Taken if Controls Fail:

Follow the Local Emergency Plan, located in the NSLS ES&H Policies and Requirements Manual, or specific procedures posted in work area, if applicable.

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6. Records:

1) Tier I database
2) Process Assessment Form, PAF 461
3) Chemical Management System database.
4) Operational Control Form.
5) SLS-07.114-3
6) Analytical results for ion exchange regeneration wastes.
7) Waste disposal forms: Waste Management Division.
8) Brookhaven Training Management System (BTMS) records.
9) Signed Read and Sign training forms.

7. Responsibilities:

Name	Responsibility
NSLS Safety Engineer	Complete Tier 1 inspections. Track corrective actions. Maintain supply of spill control materials.
NSLS Water Systems Engineer	Assure proper use of secondary containment and Chemical Management System. Assure implementation of mixed bed regeneration and waste disposal procedures.
NSLS ECR	Communicate proper waste disposal methods based on ESD recommendation to Line Personnel.
NSLS Mechanical Engineering Group Technicians	Adhere to BNL waste disposal requirements. Act to control and report chemical spills.Review analytical data and determine waste disposal requirements.
NSLS Training Coordinator	Maintains training database, tracks and reports training status to staff.

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8. Training: Personnel have complete Job Training Assessments (JTA's)	